Session Program

6–10 Oct 2025

TWEPP 2025 Topical Workshop on Electronics for Particle Physics

Trigger

Rethymno, Crete, Greece
Aquila Rithimna Beach Crete, Greece

Thursday 9 October

15:20

Trigger
Session | **Location:** AQUILLES, Aquila | **Conveners:** Mr Ioannis Kopsalis, Ioannis Kopsalis, Sophie Baron

15:20–15:36

From Discrete Components to ASICs: Achieving Sub-Picosecond Clock Synchronization for Large-Scale Detectors

Speaker
Rohith Saradhy

15:40–15:56

Precision Timestamping Methods for ECAL Upgrade II on Front-End FPGA

Speaker
Lauren Mackey

16:00–16:16

Assessing the performance of future White-Rabbit RF and Timing distribution system for LHC under real conditions

Speaker
Lilith Kaffka

16:20

Friday 10 October

09:00

Trigger
Session | **Location:** MEGAS ALEXANDROS, Aquila | **Conveners:**
Ioannis Kopsalis, Mr Ioannis Kopsalis, Salvatore Danzeca

09:00–09:16

Development and demonstration of a CMS Phase-2 Level-1 trigger Data Scouting baseline system for HL-LHC

Speaker

Mr Rocco Ardino

09:20–09:36

Finalization of the Sector Logic ATCA blade design for the ATLAS Level-0 muon trigger at HL-LHC

Speaker

Shota Izumiyama

09:40

10:10

Trigger
Session | **Location:** MEGAS ALEXANDROS, Aquila | **Conveners:**
Prof. Johan Alme, Ioannis Kopsalis, Mr Ioannis Kopsalis

10:10–10:26

Standalone Timing Distribution and Event Capture Firmware for Back-End Electronics Test Stands

Speaker

Raghunandan Shukla

10:30–10:46

The ATLAS Tile Calorimeter Trigger and Data Acquisition Interface: Development, Integration and Validation

Speaker

Thomas Junkermann

10:46